

Fig. 1

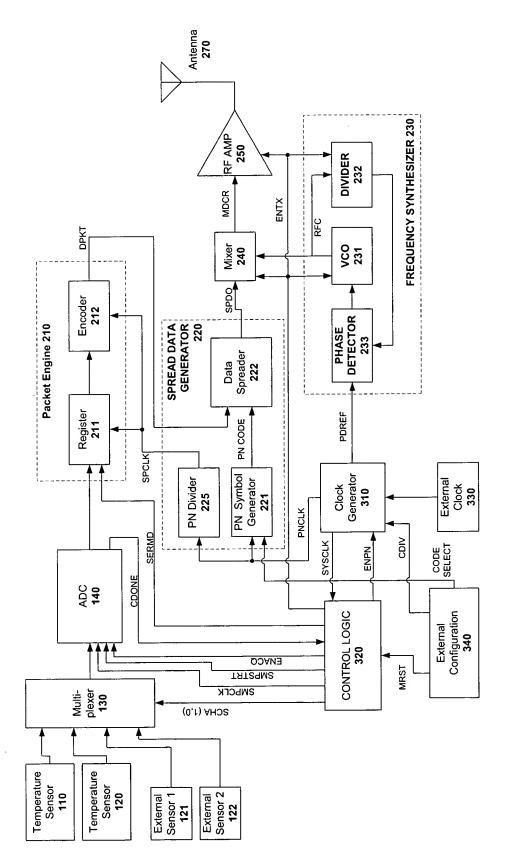


Fig. 2

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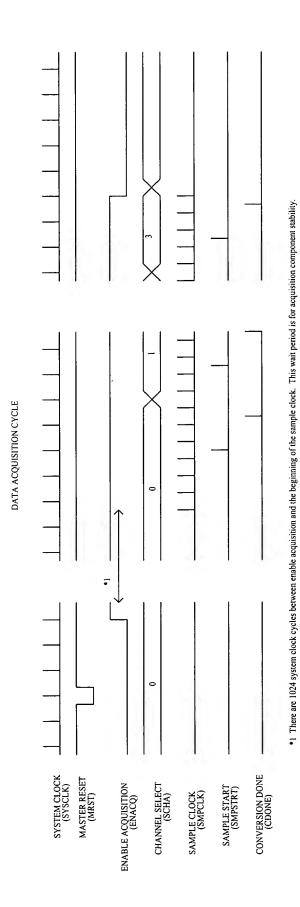
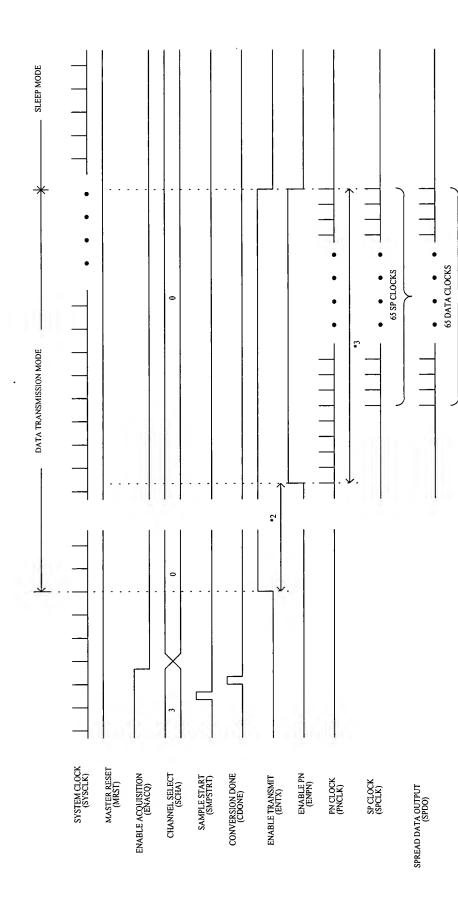


Fig. 3

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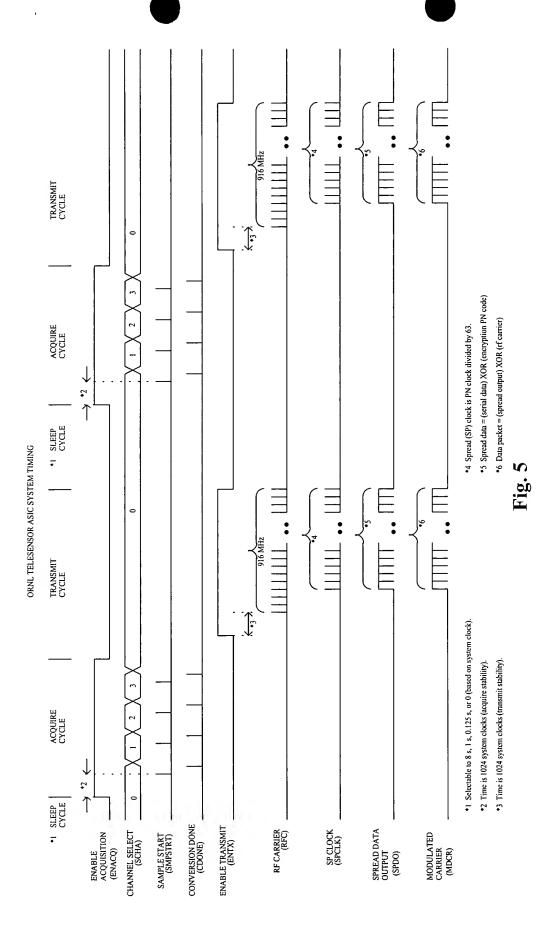


\*2 There are 1024 system clock cycles between enable transmit and the beginning of the transmit (PN) clock. This wait period is for transmit component stability.

Fig. 4

<sup>\*3</sup> The SP clock is the PN clock divided by 53.

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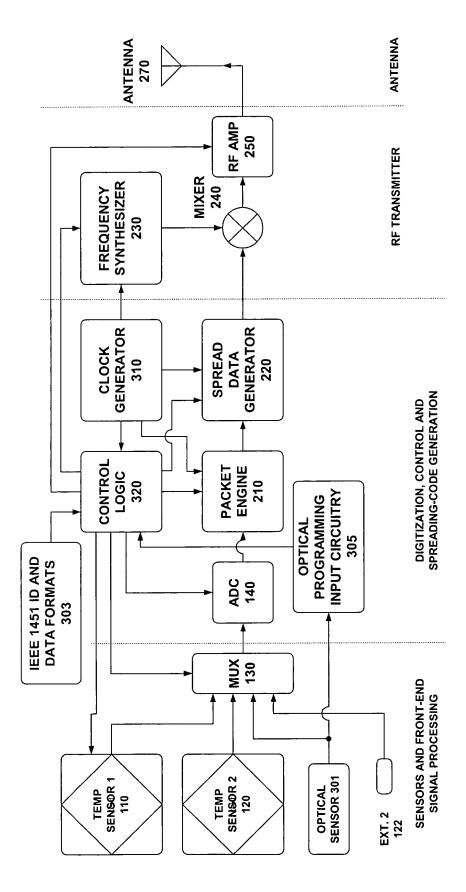


Fig. 6

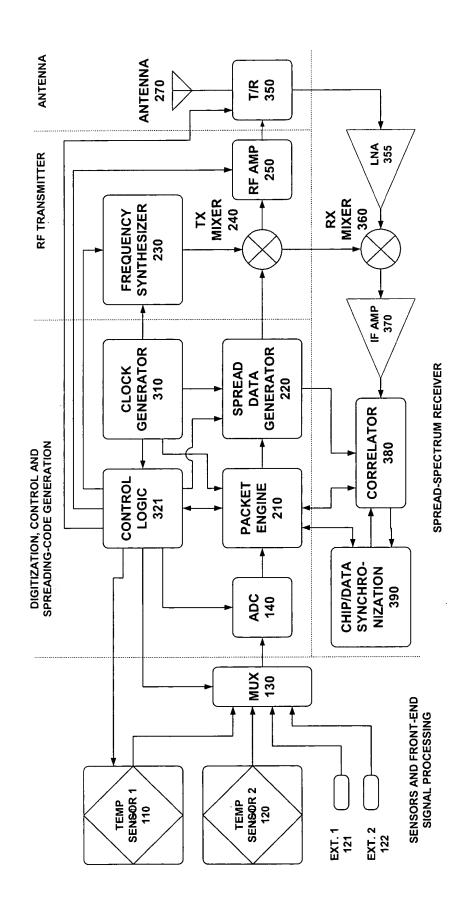


Fig. 7

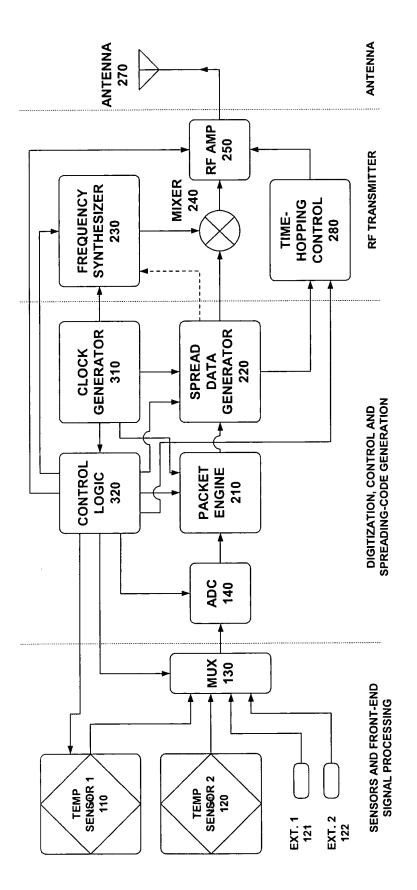
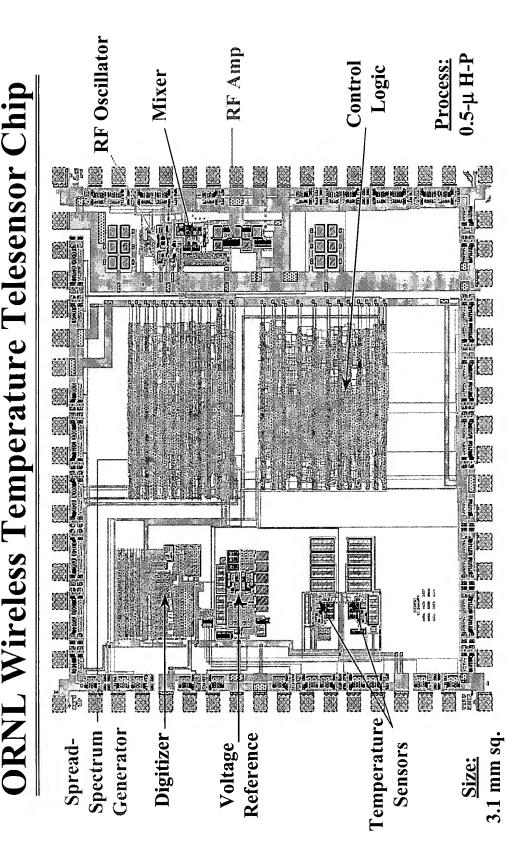


Fig. 8

## **ORNL** Wireless Temperature Telesensor Chip



## Advanced Wireless Telesensor Chip

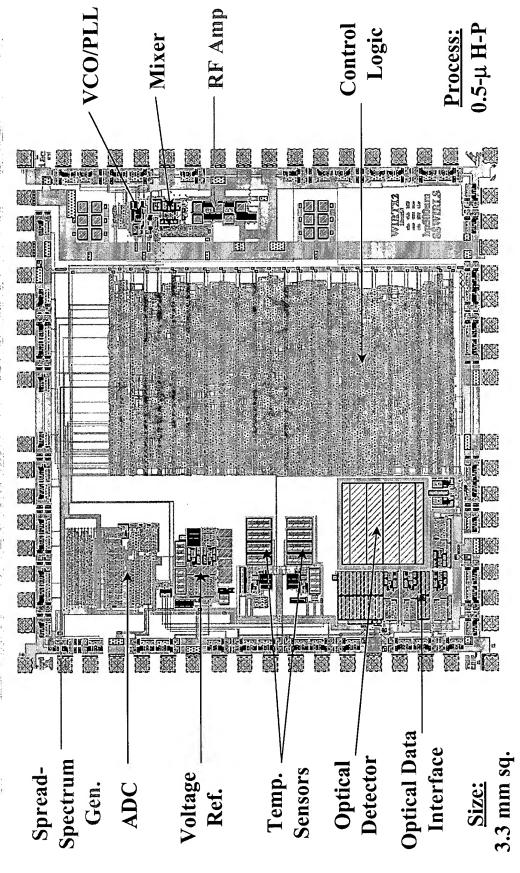


Fig. 1(